10/50126**5**DT04 Rec'd PCT/PTO 0 9 .!!! 2004

Preliminary Amendment Appln. No.: Based on PCT/JP03/00185

## **AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions and listings of claims in the application:

## LISTING OF CLAIMS:

- 1. (original): A process for manufacturing an electret article, comprising passing melt-extruded thermoplastic resin fibers through a mist space substantially formed from droplets of a polar liquid, and then collecting the fibers, wherein said thermoplastic resin fibers contain electrical-chargeability enhancing agents, and the average diameter of said droplets is less than 20 μm.
- 2. (original): The process according to claim 1, wherein the thermoplastic resin fibers are not subjected to a drying step after passing through said mist space.
- 3. (currently amended): The process according to claim 1-or 2, wherein a resin-droplet percentage of the formula:

 $(Wp/Wf) \times 100$ 

wherein Wp denotes the amount of said droplets forming said mist space and sprayed to a unit volume thereof within a certain period of time, and Wf denotes the amount of said melt-extruded thermoplastic resin passed through said mist space within a certain period of time is 500 or more.

- 4. (currently amended): The process according to <u>claim 1 any one of claims 1 to 3</u>, wherein a heated gas is blown onto said melt-extruded thermoplastic resin fibers.
- 5. (currently amended): The process according to claim 1 any one of claims 1 to 4, wherein a volume specific resistivity of said thermoplastic resin is  $10^{14} \,\Omega$  cm or higher.

2

Preliminary Amendment

Appln. No.: Based on PCT/JP03/00185

- 6. (original): The process according to claim 5, wherein a volume specific resistivity of said thermoplastic resin is  $10^{16} \,\Omega \cdot \text{cm}$  or higher.
- 7. (currently amended): The process according to <u>claim 1</u> any one of claims 1 to 6, wherein said polar liquid is water.
- 8. (currently amended): The process according to <u>claim 1 any one of claims 1 to 7</u>, wherein said electrical-chargeability enhancing agent is at least one compound selected from a group consisting of a hindered amine compound, a metallic salt of a fatty acid, a metallic oxide, and an unsaturated carboxylic acid-modified high-molecular compound.
- 9. (currently amended): The process according to <u>claim 1 any one of claims 1 to 8</u>, wherein the average diameter of said droplets is 15  $\mu$ m or less.
- 10. (original): An apparatus for manufacturing an electric article, comprising (1) a means for melt-extruding a thermoplastic resin containing electrical-chargeability enhancing agents to form thermoplastic resin fibers; (2) a means for spraying droplets consisting essentially of a polar liquid to a space downstream of a direction of said thermoplastic resin extruded from said means for melt-extruding a thermoplastic resin, to thereby form a mist space, the average diameter of said droplets being less than 20  $\mu$ m; and (3) a means for collecting said thermoplastic resin fibers which have been passed through said mist space.